## Symbicort® Turbuhaler® 80/4.5µg/dose Symbicort Turbuhaler 160/4.5 µg/dose 100/4.5 µg/dose

**表现在建筑设计**的

budesonide/formoterol Inhalation powder

achelelion powder

Composition

Each delivered dose (the dose that leaves the mouthpiece) contains as active constituents: goute dilegra conta bubasonide 80 micrograms/Inhalation and formoterol furnagate dihydrate 4.5 micrograms/inhalation respectively budesonide 160 micrograms/inhalation and formoterol lumarate dihydrate 4.5 micrograms/inhalation.

Symbicort Turbuhaler 80/4.5 micrograms/inhalation delivers the same amount of budgsonide and formoterol as the corresponding. 100 micrograms/inhalation (metered dose) and formaterol 6 micrograms/inhalation (metered dose) alternatively labelled as 4.5 micrograms/inhalation (delivered dose).

Symbleon Turbuhaler 160/4.5 micrograms/inhalation-delivers the onthrograms and as foreformed but spinozebud to income emea Turbuhaler monoproducts, i.e. budesonide 200 micrograms/ inhalation (material dose) and iomotorol 6 micrograms/inhalation (metered dose) attematively labelled as 4.5 micrograms/inhalation (delivered dose).

Symbicori Turbuhaler is indicated in the regular treatment of asthma where use of a combination (inhaled confcosteroid and long acting beta-agonist) is appropriate:

- patients not adequately controlled with inhaled corticosteroids and "as needed" inhaled short acting beta - agonists.
- patients already adequately controlled on both inhaled corticosteroids and long acting betag-agonists.

Note: Symbicori (80/4.5 micrograms/inhalation) is not appropriate in patients with severe asthmal

Dosage and method of administration

Symbicort Turbuhaler is not intended for the initial management of estima. The dosage of the components of Symbicon Turbunater is individual and should be adjusted to the severity of the disease. This should be considered when treatment with combination products is initiated an individual patient should require desages outside the recommended regimen, appropriate doses of beta-agonist and/or conficosteroids should be prescribed.

Patients should be requirely reassessed by a doctor, so that the dosage of Symbicon Turbuhaler remains optimal. The dose should be titrated to the lowest dose at which affective control of symptoms, is maintained. When control of symptoms is maintained with the lowest recommended dosage, then the next step could include a test of inhaled conficusteroid alone.

Recommended doses;

Adults:and;adolescents (12 years and older); . . . . Symbicori Turbuhaler 80/4.5 micrograms/dose 1-2 inhalations Symbicon Turbuhaler 160/4.5 metrograms/gosa 1-2 inhalations

In usual practice when control of symptoms, is achieved with the twice daily regimen, titration to the lowest effective dose could include Symbicon Turbuhaler given once daily:

Children under 12 years: Efficacy and salely have not been fully studied in children. Symbicort is not recommended for children under 12 years of age.

Special patient groups: There is no need to adjust the dose in eiderly patients. There are no data available for use of Symbicon. Turbunglar in patients with hopatic or renal/impairment/ (act e.g., As pubespoide and formplerol are primarily aliminated via hepatic Concomitant treatment with ketoconazole or other potent CYP3A4 inhibitors should be avoided. If this is not possible the time interval " between administration of the interacting drugs should be as long as possible ment in the second of the second of

Symbicon Turbuhalor should be administered with caution in patients with thyrotoxicosis, phaeochromocytoma, diabates mellitus, untrealed hypokalaemia, hypertrophic obstructive cardiomyopathy, informatic entrealed untar aortic stenosis, severe hypertension. idiopathic subvelvular aortic stenosis, severe hypertension, i aneurysm or other severe cardiovascular disorders, such as 🔍 ischaomic heart disease, tachyarrhythmias or severe heart failure. Caution should be observed when treating patients with prolongation of the OTc-interval. Fermoterol.itself-may induce prolongation of the OTc-Interval other, explane and additional policy of the explane.

Polentially senous hypokalaemia may result from high goses of betag-agonists. Concomilant treatment with drugs which can induce hypokaleemia-may add to a possible hypokaleemic effect from high doses of a betagragonist, (Particular caution is recommended in pa acute severe; asthma: as-the associated: tick; may be augmented by hypoxia: The hypokaiae micreflect may be potentiated by an aviltance concomitant treatment with xanthine derivatives a steroid and an extension of the concomitant treatment with xanthine and concomitant with xanthin diuretics, it is recommended that serum potassium levels are Practinacody Selfissian service and an interest grant grant provided of the service second people of the service service of the s

Symbicari Turbuhaler contains factose (<1 moduleiztion). This amount does not normally cause problems initiations intolerand out of people. ा । विकासिक्षाकारी विकास स्थाप । स्थापिक विकास ।

Interactions and communication was a communicated as a communication of the communication of Ketocopazole 200 mg.once gally increased plasma:levels\_of one concomitantly administered oral budesonide (single dose of 3 mg), on average six-fold. When ketoconezole was administered 12 hours. 🛪 after budgeonide the concentration was on average increased three-budesonide, but marked increases in plasma levels could be expected. Since data to give dosage recommendations are tacking. the combination should be avoided. If this is not possible the time interval between administration of ketoconazole and budesonide should be as long as possible. A reduction in the dose of budesonide should also be considered. Other potent inhibitors of CYP3A4 are also likely to markedly increase plasma levels of budesonide. . . . . . .

Beta-adrenergic blockers can weaken or inhibit the effect of formoterol. Symbican Turbuhaler should therefore not be given and together with beta-adrenergic blockers (including eye drops) unless there are compelling reasons a manner game on a morgan of the res

Concomitant granting with quinding, disapyramida, procainamida, . phenothiazinas, antilistamines (tertenadine), monoamina oxidase. innibitors and incyclic antidepressives can prolong the OTc. interval. and increase the risk of verificular arthythmiss. Abruar a ki and an

In addition E-Dopa, L-thyroxine, oxytocin and alcohol can impair cardiac tolerance towards \$2-sympathomimetics: The service of thoughton the

Concomitant treatment with monoamine exidase inhibitors including. agents with similar properties such as furazolidone and procarbazine may precipitate hypertensive reactions.

There is an elevated risk of arrhythmias in patiently receiving  $\mathbb{R} \cdot \mathbb{R}^{n+1}$ concomitant anaesthesia with halogenated hydrocarbons.

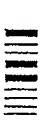
Concomitant use of other beta-euronergic drugs can have a middle of potentially additive effect.

Hypokaiaema may increase the disposition towards arrhythmizs in patients who are treated with digitalis glycosides.

Budesonide has not been observed to interact with any other drugs







metabolism, an increased exposure can be expected in patients with severe liver cirrhosis. The State of the S

1.10 instructions for correct use of Turbuhaler; Turbuhaler is inspiratory flow-driven, which means that wherethe : patient inhales through the mouthpiece, the substance will follow the inspired air into the airways. Liberal tree Part, 1999.

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Note: It is important to instruct the patient

- To carefully read the instructions for use in the patient information leaflet which is packed together with each inhaler
- . To breathe in torcefully and deeply through the mouthpiece love. ensure that an optimal dose is delivered to the jungs. · Never to breathe out through the mouthpiece.
- . To miss the mouth out with water after inhaling the prescribed dose to minimise the risk of propharyngeal thrush a string and property.

The patient may not taste or feel any medication when using an incident the patient may not taste or feel any medication when using the control of the patient may not taste or feel any medication when using the control of the patient may not taste or feel any medication when using the control of the patient may not taste or feel any medication. Turburaler due to the small amount of drug dispensed.

## Contra-indications:

Hypersensitivity to budesonide; formulated or inhaled lactose.

Special warnings and precautions for use It is recommended that the dose is tapered when the treatment is discontinued.

If patients find the treatment ineffective, or exceed the current dose of the fixed combination, medical attention must be cought. ... increasing use of rescue bronchodilators indicates a worsering of the underlying condition and warrants a reassessment of the asthma therapy. Sudoen and progressive deterioration in control of estima. is possibilally life threatening and the patient should undergo urgani medical assessment. In this situation consideration should be given to the need for increased therapy with conticosteroids or addition of systemic anti-inflammatory therapy, such as a course of oral corticosteroids, or antibiotic frealment it an intection is present

There are no data available on the use of Symbicort Turbubaler in 5 the treatment of an acute asthma attack. Patients should be advised: Iothave/thairrescue/medication available/areall/limes/ internal secrets Therapy should not be initiated during an exacembation.

Therapy should not be initiated during an exacembation.

As with other inhalation therapy, paradoxical bronchospasm.may ; ... occur, with an immediate increase in wheezing after dosing. If a several action, occurrente attended betrained betrained and ... 1 . A alternative, therapy instituted if necessary, with the property of the sale

Systemic effects may occur with any inhaled confession of particularly at high doses prescribed for long periods. These effects are much lass likely to occur with inhalation treatment than with oral corticosteroids. Possible systemic effects include adrenal." suppression, growth retardation in children and adolescents." decrease in bone mineral density, cataract and glaucoma, it is important, therefore, that the dose of inhaled conticosteroid is adjusted to the lowest dose at which effective control is maintained,

Physicians should closely tollow the growth of children and adolescents taking:long term correcosteroids by anytroute, and weigh the benefits of the corticosteroid therapy against the possible risk of growth suppression.

If there is any reason to suppose that advenal function is impaired from previous systemic steroid therapy, care should be taken when transferring patients to Symbicort Turbuhater therapy,

*!*.

The benefits of inhaled budesofilds therapy would normally minimise the need for oral steroids, but patients/transferring from oral/steroids may remain at risk of impaired adrenal reserve for a considerable time. Patients who have required high dose emergency conticosteroid therapy in the past may also be at risk. This possibility of residual adrenal impairment should always belooms in mind in emergency and elective situations likely to produce stress/andappropriate corocosteroid treatment must be considered. The extent of the adrenal impairment may require specialist advice before elective procedures.

To minimise the risk of oropharyngeal candida infection the patient should be instructed to ringe the mouth with water after each dosing occasion,

used in the treatment of asthma.

Pregnancy and lactation

For Symbicon Turbuhaler or the concomitant treatment with formolerol and budesonide, no clinical pata on exposed pregnancies are available. Arignal studies with respect to reproductive toxicity of the combination have not been periodiced.

There are no adequate data from use of formoterol in pregnante: women. In artimal studies tormoterol has caused adverse effects in 

Data on approximately 2000 exposed pregnancies indicate no increased teratogenic risk associated with the use of Inhaled. budesonide, in animal studies glucocordicosteroids have been shown to induce malformations. This is not likely to be relevant for humans given recommended doses.

Animal studies have also identified an involvement of excess \_\_\_\_. prenatal glucocorticolds in increased risks for intrauterine growth relamination, adult cardiovascular disease and permanent changes in glucocorticold receptor density, neurotransmitter turnover and behaviour at exposures below the teratogenic dose range,  $m_{\rm tot}$ 

During pregnancy. Symbicort Turbuhaler should only be used when the benefits outweigh the potential risks. The lowest effective dose of bodesonide rieeded to maintain adequate asthma control should be There will be the second of th

It is not known whether formoterol or budesonide passes into humanbreast-milk. In rais, small amounts of formoterol have been detectedin malemal milk. Administration of Symbicogt Turbuhalecto women who are breaztheeding should only be considered if the expected benefit to the mother is greater than any possible risk to the child......

and they a bibliografie of the text of entire angle to the property of the property of Effects on ability to drive and use machines Symbicon Turbuhaler does not affect the ability to drive or use

The with maintain the court of the about Undestrable effects with the second of the management Since Symbledit Fillfüllfäller contains both bildesoniderand omotoroi, bie kame patient di undestrable effects as reported for ... these substances may occur. No increased in Blance of adverse two compounds. The most common drug related soviets reactions the compounds of the most common drug related soviets reactions. are phaintacologically predictable side-effects of beta2-apprist therapy, such as tremor and palpitations. These land to be mid and usually disappear within a few days of treatment.

Adverse reactions; which have been associated with budesonine of formaterol, are given below... Committee of the second

Commonic ((Central nervous system)) Headacheres is the West (>1/100) Cardiovescular system: Palpitations: 1, 27,1 -

Musculoskeletal system: Tremor Respiratory tract:

Candidatintections in the oropharynx, mild imlation in the throat, coughing, "..... hosizeness

The Leave of St. Uncommon Cardiovascular system: Tachycardia "Musculoskeletal system; Muscle cramps

· Central nervous system: "Agitation, restlessness," mayousness, nausoa, His control of the second of t and the state of the state of the disturbances. Skin: Exanthema, urticana, Aspiratory tract Bronchospasm

(<1/1000)

.Very rare undesirable effects, some of which are of a potentially serious nature include:

Budesonida: Psychiatric symptoms such as depression, behavioural disturbances (mainly in children), signs or symptoms of systemic glucocordicasteroid effects (including hypotunction of the autenal gland), immediate or delayed hypersensitivity reactions. (including dermatitis, angioedems and bronchospasm), bruising.